

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087107.D
 Acq On : 17 May 2016 17:21
 Operator : UM/SJ
 Sample : H2817-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Quant Time: May 17 17:43:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	130609	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	578490	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	275009	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	509584	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	345160	20.00	ng	-0.02
86) Perylene-d12	15.10	264	325806	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1012320	130.28	ng	-0.01
7) Phenol-d6	6.27	99	1327511	127.38	ng	-0.01
23) Nitrobenzene-d5	7.16	82	870385	74.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	318122	104.68	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	1532872	92.31	ng	-0.01
78) Terphenyl-d14	12.70	244	1418791	92.98	ng	-0.01

Target Compounds						Qvalue
6) Aniline	6.30	93	45542	3.44	ng	# 1
8) 2-Chlorophenol	6.39	128	897156	94.89	ng	87
9) Benzaldehyde	6.19	77	968	Below Cal		# 38
10) Phenol	6.30	94	1903606	145.30	ng	86
11) bis(2-Chloroethyl)ether	6.35	93	1067156	108.48	ng	86
12) 1,3-Dichlorobenzene	6.54	146	1521762	151.42	ng	# 91
13) 1,4-Dichlorobenzene	6.62	146	1653603	160.81	ng	# 93
14) 1,2-Dichlorobenzene	6.78	146	1959665	217.69	ng	96
18) Hexachloroethane	7.11	117	749883	190.76	ng	# 89
24) Nitrobenzene	7.44	77	111534	8.80	ng	# 71
25) Isophorone	7.44	82	3603238	169.58	ng	98
26) 2-Nitrophenol	7.44	139	56972	10.85	ng	# 19
29) 2,4-Dichlorophenol	7.76	162	575310	72.87	ng	93
30) 1,2,4-Trichlorobenzene	7.83	180	1164233	132.89	ng	96
31) Naphthalene	7.91	128	1865677	66.00	ng	98
33) 4-Chloroaniline	7.91	127	256355	21.82	ng	# 34
34) Hexachlorobutadiene	8.02	225	332172	66.81	ng	99
35) Caprolactam	8.47	113	41125	15.64	ng	# 27
36) 4-Chloro-3-methylphenol	8.47	107	1368881	143.74	ng	89
37) 2-Methylnaphthalene	8.60	142	2749917	152.10	ng	# 94
42) 2,4,6-Trichlorophenol	8.89	196	638293	122.54	ng	95
43) 2,4,5-Trichlorophenol	8.94	196	347361	64.19	ng	95
46) 2-Chloronaphthalene	9.08	162	1580093	90.26	ng	# 91
48) Acenaphthylene	9.67	152	675517	25.27	ng	# 1
49) Dimethylphthalate	9.37	163	139950	6.67	ng	99
51) Acenaphthene	9.67	154	1279370	76.61	ng	99
55) 4-Nitrophenol	9.80	139	535760	113.46	ng	# 55
56) 2,4-Dinitrotoluene	9.63	165	35502	6.09	ng	# 17
59) Diethylphthalate	10.08	149	1666680	83.22	ng	98
60) 4-Chlorophenyl-phenylether	10.18	204	1138712	138.45	ng	94
62) Azobenzene	10.18	77	607559	26.33	ng	# 32
66) 4-Bromophenyl-phenylether	10.66	248	402588	76.83	ng	99
68) Atrazine	10.93	200	80851	15.46	ng	# 36
69) Pentachlorophenol	10.94	266	416272	182.39	ng	98

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70) Phenanthrene	11.19	178	2148043	77.72	nq	99
71) Anthracene	11.19	178	2150360	76.92	nq	99
73) Di-n-butylphthalate	11.69	149	3282473	111.91	nq	# 97
74) Fluoranthene	12.56	202	3685888	133.11	nq	93
77) Pyrene	12.56	202	3716971	149.07	nq	98
79) Butylbenzylphthalate	13.18	149	1008499	95.81	nq	# 73
80) Benzo(a)anthracene	13.77	228	2478662	124.20	nq	96
82) Chrysene	13.77	228	2478662	128.37	nq	98
83) Bis(2-ethylhexyl)phthalate	13.74	149	1456061	113.66	nq	97
84) Di-n-octyl phthalate	14.35	149	2683118	121.58	nq	# 87
87) Benzo(b)fluoranthene	14.77	252	3602820	166.69	nq	97
88) Benzo(k)fluoranthene	14.77	252	3605943	224.09	nq	98
91) Benzo(a,h,i)perylene	16.72	276	1094125	71.21	nq	# 91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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